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	Application No.	Applicant(s)	
A	10/603,793	IHARA ET AL.	i
Notice of Allowability	Examiner	Art Unit	
	John A. McPherson	1756	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.			
1. This communication is responsive to the application filed 6/26/03.			
2. The allowed claim(s) is/are <u>1-27</u> .			
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* c) ☐ None of the:			
 Certified copies of the priority documents have been received. 			
2. Certified copies of the priority documents have been received in Application No			
3. Copies of the certified copies of the priority documents have been received in this national stage application from the			
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.			
4. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.			
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.			
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached			
1) hereto or 2) to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of			
Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).			
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.			
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Attachment(s)			
1. Notice of References Cited (PTO-892)	5. Notice of Informal P	atent Application (PT	O-152)
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	(PTO-413),	,
3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0	Paper No./Mail Dat 98), 7. ☐ Examiner's Amendr		
Paper No./Mail Date 6/26/03 4. Examiner's Comment Regarding Requirement for Deposit	8. Examiner's Statement	ent of Reasons for Alk	owance
of Biological Material	9.		•

Pertinent Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 2003/0053015 discloses a method of making a micro corner cube comprising the steps of preparing a substrate, at least a surface portion of which consists of cubic single crystals and which has a surface that is substantially parallel to {111} planes of the crystals; and etching the surface of the substrate anisotropically, thereby forming a plurality of unit elements for the micro corner cube array on the surface of the substrate.

US 6,461,003 discloses a method of manufacturing a corner cube array comprising the steps of providing a crystalline substrate having a generally planar first surface, defining a predetermined spatial pattern along the first surface to control crystal growth thereon, and depositing a material on the first surface to grow a number of crystals corresponding to the pattern.

US 4,992,699 discloses a method of making a close packed planar array corner cube surface by anisotropically etching a single cube silicon crystal wafer surface using a photoresist pattern of an array of triangle openings aligned with the <100> directions of the cube in a {111} plane facial surface of the wafer.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

In a method of making an array of corner cubes comprising the steps of preparing a substrate, at least a surface portion of which is made of a cubic crystalline

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material and which has a surface that is substantially parallel to {111} planes of the crystalline material, and patterning the surface of the substrate such that a plurality of solid shape elements defines a predetermined pattern on the surface of the substrate, each of the solid shape elements being defined by a number of concave portions, a number of convex portions or a combination of concave and convex portions, the prior art does not teach or suggest the method further comprising the step of supplying a first active species, including an element that is contained in the crystalline material, onto the substrate on which the solid shape elements have been formed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John A. McPherson whose telephone number is (571) 272-1386. The examiner can normally be reached on Monday through Friday, 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Huff can be reached on (571) 272-1385. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

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published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

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JAM 11/17/05